



(12) UK Patent (19) GB (11) 2 401 635 (13) B

(45) Date of publication: 18.05.2005

(54) Title of the invention: Plastically deforming and radially expanding a tubular member

(51) Int Cl<sup>7</sup>: E21B 43/10 19/16 23/00

(21) Application No: 0418431.3

(22) Date of Filing: 27.09.2001

Date Lodged: 18.08.2004

(30) Priority Data:

(31) 60237334 (32) 02.10.2000 (33) US

(62) Divided from Application No  
0306046.4 under Section 15(4) of the Patents  
Act 1977

(43) Date A Publication: 17.11.2004

(52) UK CL (Edition X ):  
E1F FLA

(56) Documents Cited:  
None

(58) Field of Search:  
As for published application 2401635 A viz:  
UK CL (Edition W ) B3J, E1F  
INT CL<sup>7</sup> B21D, E21B  
Other:  
updated as appropriate

(72) Inventor(s):

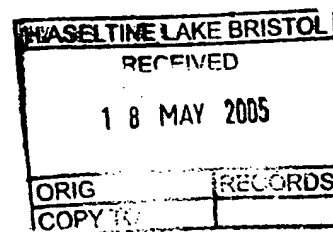
Robert Lance Cook  
Edwin A Zwald  
Kevin Karl Waddell  
Lev Ring  
Andrei Gregory Filippov

(73) Proprietor(s):

Shell Oil Company  
(Incorporated in USA - Texas)  
910 Louisiana Street, Houston,  
Texas 77252-2463,  
United States of America

(74) Agent and/or Address for Service:

Haseltine Lake & Co  
Redcliff Quay, 120 Redcliff Street,  
BRISTOL, BS1 6HU, United Kingdom



2401625

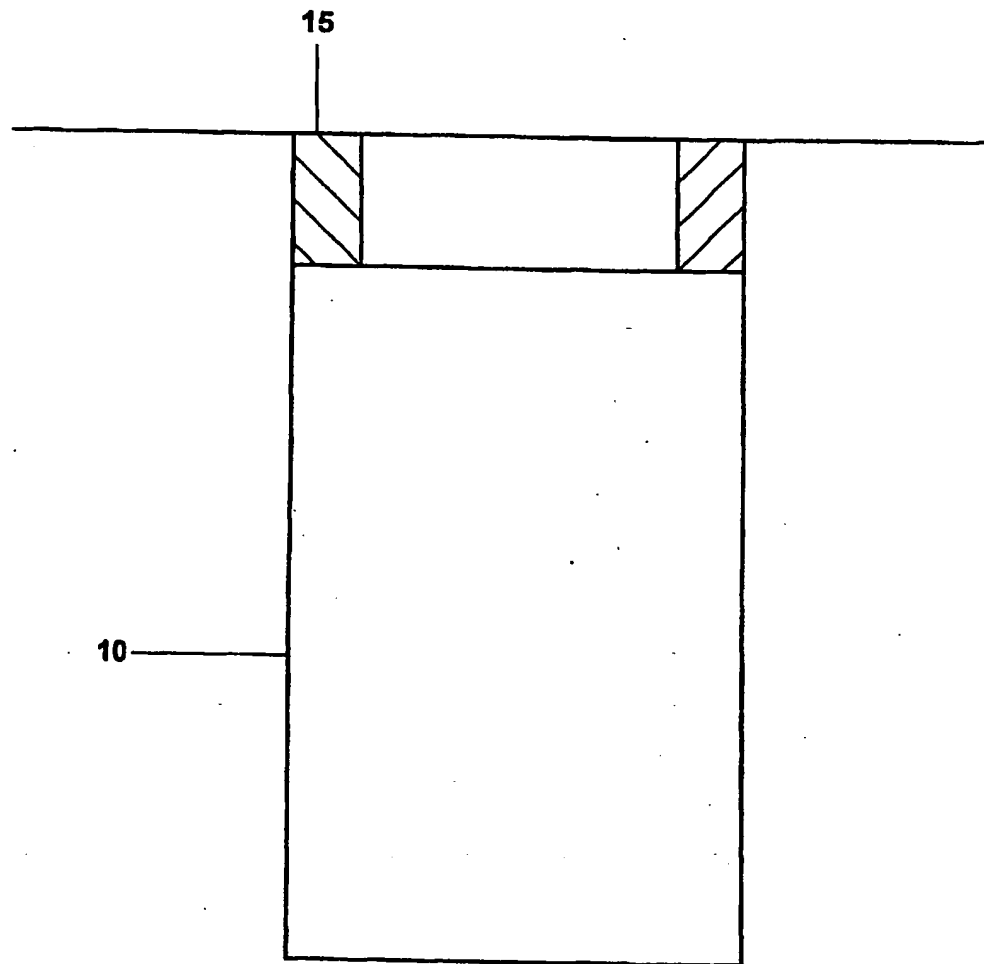
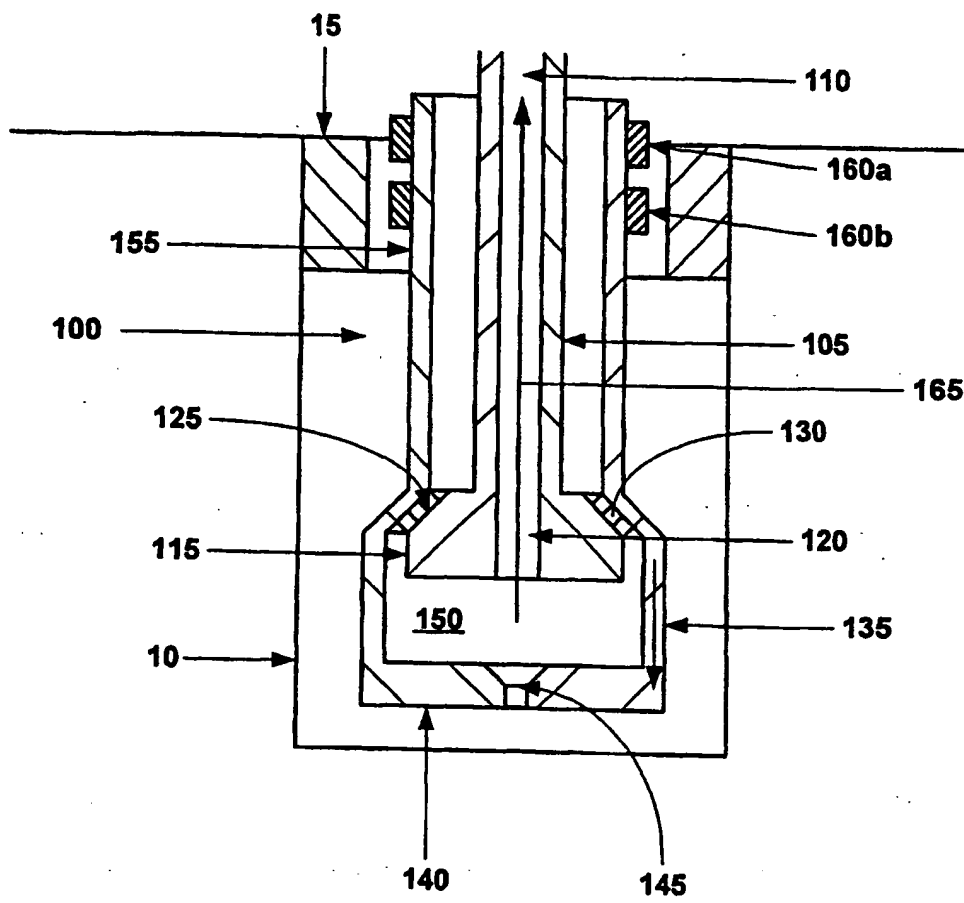


Fig. 1a



**Fig. 1b**

